

Neighborhood Meeting – Mescal Park Arena Lighting
April 11, 2006
6PM – Via Linda Senior Center
NOTES

Staff present: Judy Weiss, Parks and Recreation Director, Reed Pryor, Parks and Grounds Management Manager, Steve Lehmann, Senior Recreation Coordinator.

Judy made some general introductions and reported that the signs for the grass basin are installed and the pilot program has begun. Judy reminded the group that self-policing was a critical component in making the pilot program successful. She has already received complaints regarding reckless riding in the basin.

Don Happ, DH Lighting Solutions, and the project lighting consultant, presented a powerpoint presentation regarding light pole and shield design, height, color and spill and glare control. He showed examples of other shielded lighted facilities around Scottsdale. Don compared the fixtures at Mescal to be like “oversized parking lot lights”.

In response to a question, Don noted that the size of the shoebox would be either 24” x 30” or 30” x 36”. He noted that spill control can be achieved with these types of fixtures. Don also reiterated the stipulation of lights off at 9PM in the winter and 10PM in the summer. He covered the IES standards of 20-foot candles in an arena like Mescal and noted that uniformity is important since research has shown that horses will perceive shadows as solid objects. Uniformity is determined by pole height and this facility will have 6 poles at 31 feet to the bottom of the light fixture.

In response to a question, Don noted that the poles are designed close to the arena rail. The citizen requested a one-foot buffer in case a horse turns its head outside of the arena. Don said that the poles could be moved with no impact.

A task light will be included and be on all evening until 9 or 10PM.

The pole color was discussed. The consensus was that the priority was as much invisibility as possible during the day. This translates to a gray or galvanized metal color for the poles, fixtures and shields.

It was the consensus of the neighbors that the control buttons and task light would be best situated on the northwest pole. The light cycle was requested at 45 minutes.

The shielding that would be around the fixtures was discussed. The stipulation is for no view of the light source at 100 feet. Don showed a comparison of before and after shielding on a basketball court at Sonoran Hills Park in Scottsdale.

Don noted the shield measurements and covered the foot candle measurements in the arena and at the 100 foot perimeter. Don noted that the APS street light will be replaced

during this project with a more modern shield. The neighbors recommended some protective grating over the glass to prevent vandalism.

Reed Pryor, Parks and Grounds Manager, discussed some landscape options. Berming was also discussed. It was the consensus of the groups that they desired to have the lights up and running prior to any landscaping. The concern was to balance the mitigation of the lights and maintain mountain views.

One resident asked the cost of the project. The answer was \$60-70,000 for lights, approximately \$10,000 for landscaping.